

Rec'd PCT/PTO 27 JAN 2006

Attorney's Docket No. 0990/281003

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

#4

In re: David M. Chipman, et al. Attn: DO/US  
International Appl. No.: PCT/IL03/00057 Appl. No. 10/502,426  
International Filing Date: January 23, 2003 Filing Date: July 23, 2004  
For: PROCESS FOR PREPARING CHIRAL AROMATIC  $\alpha$ -HYDROXY  
KETONES USING 2-HYDROXY-3-OXOACID SYNTHASE

Mail Stop PCT, Attn: DO/US (PTO)  
Commissioner for Patents  
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### INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a list of documents on form PTO-1449 along with a copy of any cited foreign patent documents and non-patent literature documents in accordance with 37 CFR 1.98(a)(2).

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By identifying the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead identifying the listed documents for the sake of full disclosure..

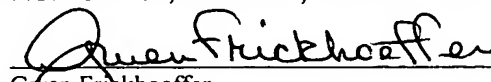
Respectfully submitted,

  
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Gwen Friskhoeffter

CLT01/4786086v1

Substitute for form 1449/PTO (Revised 04/2003)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	02,426	
				Filing Date	03/2004	
				First Named Inventor	David M. Chipman, et al.	
				Group Art Unit	Unknown	
				Examiner Name	Unknown	
Sheet	1	of	2	Attorney Docket Number 040990/281003		
<b>U. S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	
	1	US-6,004,789	12-21-1999	Bruhn et al.	Corresponds to DE 195 23 269	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
	2	EP 1048737	11-02-2000	Dünnwald et al.		English Abstract Attached
	3	JP 63242554	04-03-1990	Keiichiro et al.		English Abstract Only
	4	JP 08044976	09-09-1997	Hiroaki et al.		English Abstract Only
	5	WO 90/04631	05-03-1990	Seely et al.		
	6	WO 99/63103	12-09-1999	Smallridge et al.		
	7	WO 01/44486	06-21-2001	Smallridge et al.		
	8	DE 195 23 269 A1	06-29-1995	Forschungszentrum Jülich GmbH		Corresponds to US- 6,004,789 Above
Examiner Signature				Date Considered		

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 04/2003)				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	18,242,426
				Filing Date	07/23/2004
				First Named Inventor	Chipman et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	040990/281003
<b>OTHER DOCUMENTS</b>					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
	9	CROUT, et al.; <i>Applications of Hydrolytic and Decarboxylating Enzymes in Biotransformations</i> ; Biocatalysis; 1994; pp 1-30; Vol. 9; Harwood Academic Publishers GmbH (XP 000671797)			
	10	HANC O. et al., <i>Naturwissenschaften</i> (1956) 43, 498,			No
	11	BRUHN, et al.; <i>The Replacement Of Trp392 by Alanine Influences the Decarboxylase/Carboligase Activity and Stability of Pyruvate Decarboxylase from Zymomonas mobilis</i> , Eur. J. Biochem; 1995; pp 650-655; Vol. 234			
	12	BARAK, et al.; <i>Physiological Implications of the Specificity of Acetohydroxy Acid Synthase Isozymes of Enteric Bacteria</i> ; Journal of Bacteriology; Aug. 1987; pp 3750-3756; Vol. 169, No. 8; American Society for Microbiology			
	13	GOLLOP, et al.; <i>Kinetics and Mechanism of Acetohydroxy Acid Synthase Isozyme III from Escherichia coli</i> ; Biochemistry; 1989; pp 6310-6317; Vol. 28, No. 15; American Chemical Society			
	14	IBDAH, et al.; <i>Homology Modeling of the Structure of Bacterial Acetohydroxy Acid Synthase and Examination of the Active Site by Site-Directed Mutagenesis</i> ; Biochemistry; 1996; pp 16282-16291; Vol. 35, No. 50; American chemical Society			
	15	BAR-ILAN, et al.; <i>Binding and Activation of Thiamin Diphosphate in Acetohydroxyacid Synthase</i> ; Biochemistry; 2001; pp 11946-11954; Vol. 40, No. 39; American Chemical Society			
	16	MENDEL, et al.; <i>The N-terminal Domain of the Regulatory Subunit is Sufficient for Complete Activation of Acetohydroxyacid Synthase III from Escherichia Coli</i> ; J. Mol. Biol.; 2003; pp. 275-284; Vol. 325; Elsevier Science Ltd.			
Examiner Signature				Date Considered	

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.